



**WESTON SOLUTIONS, INC.**  
205 CAMPUS DRIVE  
EDISON, NEW JERSEY 08837  
732-417-5800 • FAX: 732-417-5801

***The Trusted Integrator for Sustainable Solutions***

November 7, 2014

Mr. Andrew Fessler, Work Assignment Manager  
U.S. Environmental Protection Agency  
290 Broadway - 18th Floor  
New York, NY 10007-1866

**Document Control No.: R2-A-54**

**Subject:        Sampling Trip Report**  
**Task No. 1402, Reliance Lead, Solder & Babbitt Co.**  
**Preliminary Assessment/Site Inspection (PA/SI)**  
**Contract No.: EP-W-05-042**

Dear Mr. Fessler:

Weston Solutions, Inc. (WESTON®) is pleased to submit the Sampling Trip Report for the soil sampling associated with the Reliance Lead, Solder & Babbitt Co. (Reliance) PA/SI assignment. WESTON personnel collected soil samples on October 30, 2014. If you have any questions, please contact me at (732) 417-5828.

Very truly yours,  
WESTON SOLUTIONS, INC.

Scott T. Snyder, CHMM  
Principal Project Scientist

enclosure

cc:     C. Romano, EPA (w/o enclosure)  
       G. Gilliland, WESTON (w/o enclosure)  
       Site file

**SAMPLING TRIP REPORT**

**SITE NAME:** Reliance Lead, Solder & Babbitt Co. (Reliance)  
 DCN: R2-A-54  
 W.O.: 20114.002.014.1402.00  
 CLP Case No.: No case number assigned

**EPA I.D. NO.:** NYN000206596

**SAMPLING DATES:** October 30, 2014

1. Site Location: Refer to Figure 1
2. Site Map and Sample Locations: Refer to Figures 2 and 3
3. Sample Descriptions: Refer to Table 1
4. Laboratories Receiving Samples:

AnalysesName and Address of Laboratory

Target Analyte List (TAL) Inorganics plus tin (Sn)

EPA Region 2 Division of Environmental  
 Science and Assessment (DESA)  
 2890 Woodbridge Avenue  
 Building 209  
 Edison, NJ 08837

5. Sample Dispatch Data:
  - Sixty soil samples and one rinsate blank for TAL Inorganics (plus Sn) analysis were collected on 10/30/14 and hand-delivered to the DESA lab at 1400 hours on 10/31/14.
6. Sampling Personnel:

<b>Name</b>	<b>Organization</b>	<b>Site Duties</b>
Scott Snyder	WESTON	Field Team Leader, Site Health and Safety Coordinator (SHSC), Sample Management Officer (SMO), Global Positioning System (GPS) Data Collection
Denise Breen	WESTON	Sampler

Dylan Borger	WESTON	Sampler
Scott Cassidy	WESTON	Sampler
Andrew Fessler	EPA	Contracting Officer Representative (COR)

7. Additional Comments:

On October 30, 2014, WESTON personnel collected a total of 60 soil samples (including four environmental duplicate samples). The samples were collected from the rights-of-way (ROW) located along Hickory Street, Spring Street, and Cherry Street, as well as grassy areas at the Willard Pratt Community Center located at 422 Pratt Street, a private residence at 441 Pratt Street, and the footprint of the former Reliance facility.

Soil samples were collected from a total of 13 locations on and near the former smelter location in Buffalo, NY. Potential source samples were collected from two locations within the former Reliance facility footprint. Potential release samples were collected from six downwind sample locations based on historical predominant wind directions; these samples were collected northeast and east of the smelter footprint. Samples collected from one location on private property adjacent to the southwest corner of the former Reliance facility footprint are considered to be in the immediate site vicinity with potential for site-related contamination. The four sample locations southwest of the former Reliance smelter facility footprint are considered to be background sample locations. The background samples were collected upwind of the influence of site activities, based on the historical predominant wind directions.

At each sample location, soil samples were collected at depth intervals of 0–1 inch, 1–6 inches, 6–12 inches, 12–18 inches, and 18–24 inches using a decontaminated stainless-steel auger head, with the following exceptions:

- Sample location 1402-S03 met auger refusal at 8 inches, with the bottom two inches composed of brick fragments; therefore, the last depth interval for location 1402-S03 is 1–6 inches and only two of five proposed samples were collected from this location.
- Sample location 1402-S04 met auger refusal at 12 inches; therefore, the last depth interval for location 1402-S04 is 6–12 inches and only three of five proposed samples were collected from this location.
- Sample location 1402-S06 met auger refusal at 6 inches; therefore, the last depth interval for location 1402-S06 is 1–6 inches and only two of five proposed samples were collected from this location.
- Sample location 1402-S13 met auger refusal at 14 inches; therefore, the last depth interval for location 1402-S13 is 12–14 inches [Note: The Sample No. was changed to 1402-S13-1214 to reflect the altered sampling depth] and only four of five proposed samples were collected from this location.

Each sample was homogenized in a dedicated, disposable aluminum tray with a dedicated, disposable plastic scoop prior to insertion into the sample container. All remaining soil not used for laboratory analysis was discarded at the sampling location. All soil samples were submitted for analysis of TAL Inorganics (plus Sn), excluding mercury and cyanide. Soil samples collected from the 0–1 inch interval were designated for sieving by EPA DESA with a 250-micron, stainless-steel sieve and pan. Four soil samples were designated as matrix spike/matrix spike duplicate (MS/MSD) samples for quality assurance/quality control (QA/QC) purposes. One rinsate blank was collected to demonstrate adequate decontamination of non-dedicated sampling equipment (i.e., hand auger).

WESTON logged sample locations electronically using GPS equipment and performed post-processing differential correction of the GPS data in accordance with EPA Region 2 GPS Standard Operating Procedures. The processed GPS data for all sample locations have been transferred to the Sample Location Map (Figure 3) using a Geographic Information System.

All samples were collected from locations associated with the former Reliance facility under the Region 1 Superfund Technical Assessment and Response Team III (START III) contract. All samples were hand-delivered to the EPA DESA lab for analyses. The Chain of Custody Record is presented in Attachment 1.

8. Report Prepared by:



Scott T. Snyder, CHMM

Date: 11/7/2014

9. Report Approved by:



Gerald V. Gilliland, P.G.

Date: 11/7/2014

**TABLE 1**  
**SAMPLE DESCRIPTIONS**  
**RELIANCE LEAD, SOLDER & BABBITT CO.**  
**BUFFALO, NEW YORK**

Sample No.	Date	Time	Comments
1402-S01-0001 (MS/MSD)	10/30/2014	0818	Soil sample from the grassy right-of-way (ROW) located on Hickory Street, southwest of the former Reliance facility footprint. Depth: 0–1 inch. Description: Dark brown clayey silt, trace fine sand, dry. Matrix spike/matrix spike duplicate (MS/MSD) sample for quality assurance/quality control (QA/QC) purposes.
1402-S01-0106	10/30/2014	0820	Soil sample from the grassy ROW located on Hickory Street, southwest of the former Reliance facility footprint. Depth: 1–6 inches. Description: Dark brown silty clay, trace fine sand, dry.
1402-S01-0612	10/30/2014	0822	Soil sample from the grassy ROW located on Hickory Street, southwest of the former Reliance facility footprint. Depth: 6–12 inches. Description: Brown clay, some silt, trace fine sand, dry.
1402-S01-1218	10/30/2014	0824	Soil sample from the grassy ROW located on Hickory Street, southwest of the former Reliance facility footprint. Depth: 12–18 inches. Description: Brown clay, some silt, trace fine sand, dry.
1402-S01-1824	10/30/2014	0826	Soil sample from the grassy ROW located on Hickory Street, southwest of the former Reliance facility footprint. Depth: 18–24 inches. Description: Brown clay, some silt, trace fine sand, dry.
1402-S02-0001	10/30/2014	0828	Soil sample from the grassy ROW located on Hickory Street, southwest of the former Reliance facility footprint. Depth: 0–1 inch. Description: Dark brown clayey silt, trace fine sand, dry.
1402-S02-0106	10/30/2014	0832	Soil sample from the grassy ROW located on Hickory Street, southwest of the former Reliance facility footprint. Depth: 1–6 inches. Description: Dark brown silty clay, trace fine sand, dry.
1402-S02-0612	10/30/2014	0834	Soil sample from the grassy ROW located on Hickory Street, southwest of the former Reliance facility footprint. Depth: 6–12 inches. Description: Brown clay, some silt, trace fine sand, dry.
1402-S02-1218	10/30/2014	0836	Soil sample from the grassy ROW located on Hickory Street, southwest of the former Reliance facility footprint. Depth: 12–18 inches. Description: Brown clay, some silt, trace fine sand, dry.
1402-S02-1824	10/30/2014	0838	Soil sample from the grassy ROW located on Hickory Street, southwest of the former Reliance facility footprint. Depth: 18–24 inches. Description: Brown clay, some silt, trace fine sand, dry.

**TABLE 1 (continued)**  
**SAMPLE DESCRIPTIONS**  
**RELIANCE LEAD, SOLDER & BABBITT CO.**  
**BUFFALO, NEW YORK**

Sample No.	Date	Time	Comments
1402-S03-0001	10/30/2014	1136	Soil sample from the grassy area on the north side of the Willard Pratt Community Center property, southwest of the former Reliance facility footprint. Depth: 0–1 inch. Description: Dark brown clayey silt, trace fine sand, dry.
1402-S03-0106	10/30/2014	1138	Soil sample from the grassy area on the north side of the Willard Pratt Community Center property, southwest of the former Reliance facility footprint. Depth: 1–6 inches. Description: Dark brown clayey silt with brick and brick fragments, some black ash-like material.
1402-S04-0001	10/30/2014	1126	Soil sample from the grassy area on the north side of the Willard Pratt Community Center property, southwest of the former Reliance facility footprint. Depth: 0–1 inch. Description: Dark brown clayey silt, trace fine sand, dry.
1402-S04-0106	10/30/2014	1128	Soil sample from the grassy area on the north side of the Willard Pratt Community Center property, southwest of the former Reliance facility footprint. Depth: 1–6 inches. Description: Dark brown clayey silt with brick fragments.
1402-S04-0612	10/30/2014	1130	Soil sample from the grassy area on the north side of the Willard Pratt Community Center property, southwest of the former Reliance facility footprint. Depth: 6–12 inches. Description: Dark brown clayey silt with brick and brick fragments, some black ash-like material, dry.
1402-S05-0001	10/30/2014	0946	Soil sample from the former Reliance facility footprint. Depth: 0–1 inch. Description: Dark brown clayey silt, trace fine sand, dry.
1402-S05-0106 (MS/MSD)	10/30/2014	0948	Soil sample from the former Reliance facility footprint. Depth: 1–6 inches. Description: Gray coarse sand and ash-like material, with brick, glass, and wood fragments. MS/MSD sample for QA/QC purposes.
1402-S05-0612	10/30/2014	0950	Soil sample from the former Reliance facility footprint. Depth: 6–12 inches. Description: Gray coarse sand and ash-like material, with brick, glass, and wood fragments.
1402-S05-1218	10/30/2014	0952	Soil sample from the former Reliance facility footprint. Depth: 12–18 inches. Description: Gray coarse sand and ash-like material, with brick, glass, and wood fragments.
1402-S05-1824	10/30/2014	0954	Soil sample from the former Reliance facility footprint. Depth: 18–24 inches. Description: Gray coarse sand and ash-like material, with brick, glass, and wood fragments.

**TABLE 1 (continued)**  
**SAMPLE DESCRIPTIONS**  
**RELIANCE LEAD, SOLDER & BABBITT CO.**  
**BUFFALO, NEW YORK**

Sample No.	Date	Time	Comments
1402-S06-0001	10/30/2014	0938	Soil sample from the former Reliance facility footprint. Depth: 0–1 inch. Description: Dark brown clayey silt, trace fine sand, dry.
1402-S06-0106	10/30/2014	0940	Soil sample from the former Reliance facility footprint. Depth: 1–6 inches. Description: Gray coarse sand and ash-like material, with brick, glass, and wood fragments.
1402-S07-0001	10/30/2014	1315	Soil sample from the grassy ROW located on Spring Street, just south of the intersection with Cherry Street, and north of the former Reliance facility footprint. Depth: 0–1 inch. Description: Dark brown clayey silt, trace fine sand, dry.
1402-S07-0106	10/30/2014	1317	Soil sample from the grassy ROW located on Spring Street, just south of the intersection with Cherry Street, and north of the former Reliance facility footprint. Depth: 1–6 inches. Description: Dark brown clayey silt, trace fine sand, dry.
1402-S07-0612	10/30/2014	1319	Soil sample from the grassy ROW located on Spring Street, just south of the intersection with Cherry Street, and north of the former Reliance facility footprint. Depth: 6–12 inches. Description: Dark brown clayey silt, trace fine sand, dry.
1402-S07-1218	10/30/2014	1321	Soil sample from the grassy ROW located on Spring Street, just south of the intersection with Cherry Street, and north of the former Reliance facility footprint. Depth: 12–18 inches. Description: Brown silty clay, trace fine sand, dry.
1402-S07-1824	10/30/2014	1323	Soil sample from the grassy ROW located on Spring Street, just south of the intersection with Cherry Street, and north of the former Reliance facility footprint. Depth: 18–24 inches. Description: Brown silty clay, trace fine sand, dry.
1402-S08-0001	10/30/2014	1300	Soil sample from the grassy ROW located on Spring Street, just south of the intersection with Cherry Street, and north of the former Reliance facility footprint. Depth: 0–1 inch. Description: Dark brown clayey silt, trace fine sand, dry.
1402-S08-0106	10/30/2014	1302	Soil sample from the grassy ROW located on Spring Street, just south of the intersection with Cherry Street, and north of the former Reliance facility footprint. Depth: 1–6 inches. Description: Dark brown clayey silt, trace fine sand, dry.
1402-S08-0612	10/30/2014	1304	Soil sample from the grassy ROW located on Spring Street, just south of the intersection with Cherry Street, and north of the former Reliance facility footprint. Depth: 6–12 inches. Description: Dark brown clayey silt, trace fine sand, dry.

**TABLE 1 (continued)**  
**SAMPLE DESCRIPTIONS**  
**RELIANCE LEAD, SOLDER & BABBITT CO.**  
**BUFFALO, NEW YORK**

Sample No.	Date	Time	Comments
1402-S08-1218	10/30/2014	1306	Soil sample from the grassy ROW located on Spring Street, just south of the intersection with Cherry Street, and north of the former Reliance facility footprint. Depth: 12–18 inches. Description: Brown silty clay, trace fine sand, dry.
1402-S08-1824	10/30/2014	1310	Soil sample from the grassy ROW located on Spring Street, just south of the intersection with Cherry Street, and north of the former Reliance facility footprint. Depth: 18–24 inches. Description: Brown silty clay, trace fine sand, dry.
1402-S09-0001	10/30/2014	1415	Soil sample from the grassy ROW located on Cherry Street, northeast of the former Reliance facility footprint. Depth: 0–1 inch. Description: Brown clayey silt, dry.
1402-S09-0106	10/30/2014	1417	Soil sample from the grassy ROW located on Cherry Street, northeast of the former Reliance facility footprint. Depth: 1–6 inches. Description: Brown clayey silt, dry.
1402-S09-0612 (MS/MSD)	10/30/2014	1419	Soil sample from the grassy ROW located on Cherry Street, northeast of the former Reliance facility footprint. Depth: 6–12 inches. Description: Dark brown silty clay, trace fine sand, somewhat moist. MS/MSD sample for QA/QC purposes.
1402-S09-1218	10/30/2014	1421	Soil sample from the grassy ROW located on Cherry Street, northeast of the former Reliance facility footprint. Depth: 12–18 inches. Description: Dark brown to black silty clay and fine sand, moist.
1402-S09-1824	10/30/2014	1423	Soil sample from the grassy ROW located on Cherry Street, northeast of the former Reliance facility footprint. Depth: 18–24 inches. Description: Brown clay, some silt, trace fine sand, somewhat moist.
1402-S10-0001	10/30/2014	1404	Soil sample from the grassy ROW located on Cherry Street, northeast of the former Reliance facility footprint. Depth: 0–1 inch. Description: Dark brown clayey silt, dry.
1402-S10-0106	10/30/2014	1406	Soil sample from the grassy ROW located on Cherry Street, northeast of the former Reliance facility footprint. Depth: 1–6 inches. Description: Dark brown clayey silt, dry.
1402-S10-0612	10/30/2014	1408	Soil sample from the grassy ROW located on Cherry Street, northeast of the former Reliance facility footprint. Depth: 6–12 inches. Description: Dark brown silty clay, trace fine sand, somewhat moist.



**TABLE 1 (continued)**  
**SAMPLE DESCRIPTIONS**  
**RELIANCE LEAD, SOLDER & BABBITT CO.**  
**BUFFALO, NEW YORK**

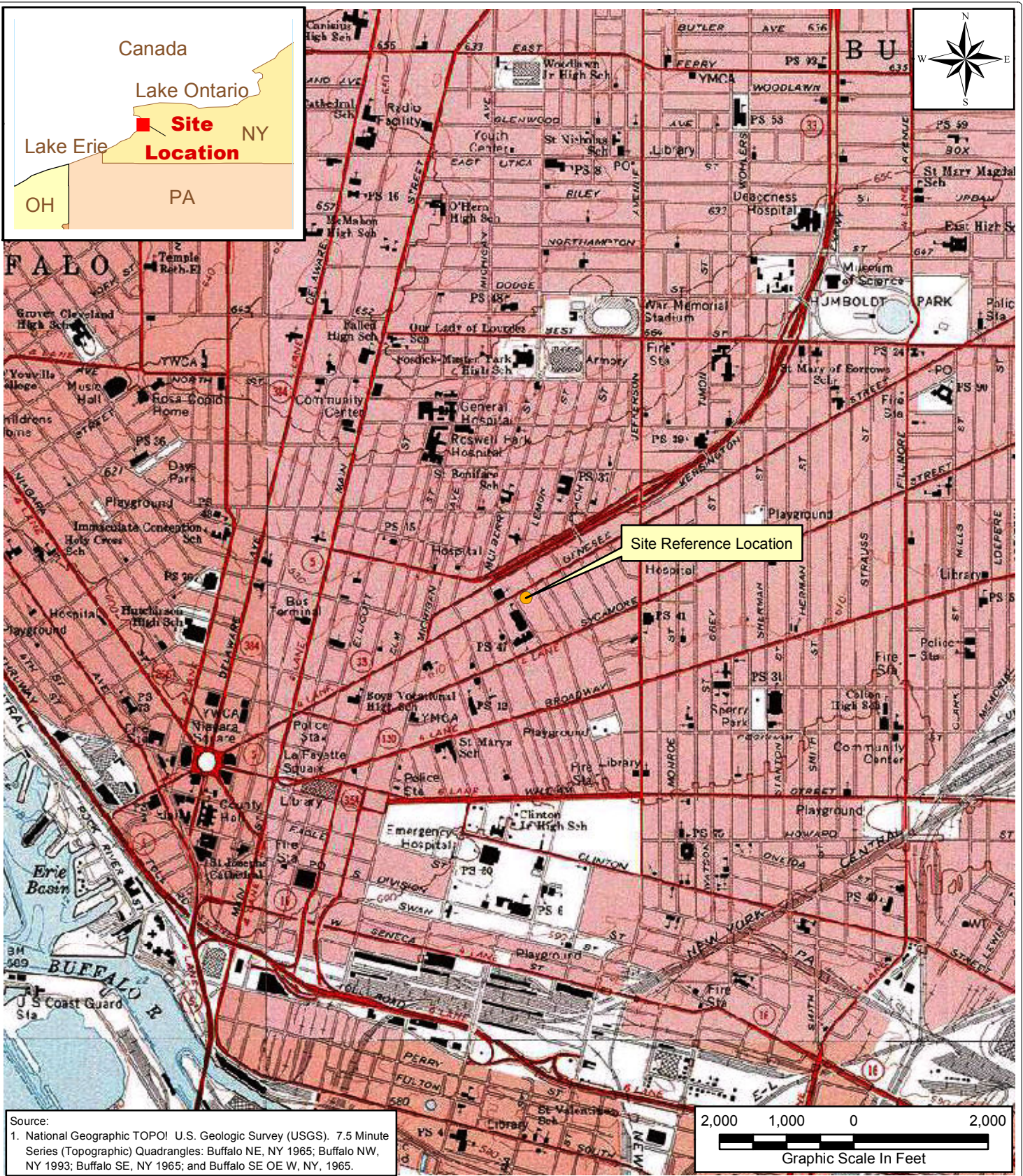
Sample No.	Date	Time	Comments
1402-S10-1218	10/30/2014	1410	Soil sample from the grassy ROW located on Cherry Street, northeast of the former Reliance facility footprint. Depth: 12–18 inches. Description: Dark brown to black silty clay and fine sand, moist.
1402-S10-1824	10/30/2014	1412	Soil sample from the grassy ROW located on Cherry Street, northeast of the former Reliance facility footprint. Depth: 18–24 inches. Description: Brown clay, some silt, trace fine sand, somewhat moist.
1402-S11-0001	10/30/2014	1500	Soil sample from the grassy ROW located on Spring Street, south of the intersection with Genesee Street, and east of the former Reliance facility footprint. Depth: 0–1 inch. Description: Dark brown clayey silt, dry.
1402-S11-0106	10/30/2014	1502	Soil sample from the grassy ROW located on Spring Street, south of the intersection with Genesee Street, and east of the former Reliance facility footprint. Depth: 1–6 inches. Description: Brown clay, some silt, dry.
1402-S11-0612	10/30/2014	1504	Soil sample from the grassy ROW located on Spring Street, south of the intersection with Genesee Street, and east of the former Reliance facility footprint. Depth: 6–12 inches. Description: Brown clay, dry.
1402-S11-1218	10/30/2014	1506	Soil sample from the grassy ROW located on Spring Street, south of the intersection with Genesee Street, and east of the former Reliance facility footprint. Depth: 12–18 inches. Description: Brown clay, dry.
1402-S11-1824	10/30/2014	1508	Soil sample from the grassy ROW located on Spring Street, south of the intersection with Genesee Street, and east of the former Reliance facility footprint. Depth: 18–24 inches. Description: Brown clay, dry.
1402-S12-0001	10/30/2014	1448	Soil sample from the grassy ROW located on Spring Street, south of the intersection with Genesee Street, and east of the former Reliance facility footprint. Depth: 0–1 inch. Description: Dark brown clayey silt, dry.
1402-S12-0106	10/30/2014	1450	Soil sample from the grassy ROW located on Spring Street, south of the intersection with Genesee Street, and east of the former Reliance facility footprint. Depth: 1–6 inches. Description: Brown clay, some silt, dry.

**TABLE 1 (continued)**  
**SAMPLE DESCRIPTIONS**  
**RELIANCE LEAD, SOLDER & BABBITT CO.**  
**BUFFALO, NEW YORK**

Sample No.	Date	Time	Comments
1402-S12-0612	10/30/2014	1452	Soil sample from the grassy ROW located on Spring Street, south of the intersection with Genesee Street, and east of the former Reliance facility footprint. Depth: 6–12 inches. Description: Brown clay, dry.
1402-S12-1218	10/30/2014	1454	Soil sample from the grassy ROW located on Spring Street, south of the intersection with Genesee Street, and east of the former Reliance facility footprint. Depth: 12–18 inches. Description: Brown clay, dry.
1402-S12-1824	10/30/2014	1456	Soil sample from the grassy ROW located on Spring Street, south of the intersection with Genesee Street, and east of the former Reliance facility footprint. Depth: 18–24 inches. Description: Brown clay, dry.
1402-S13-0001	10/30/2014	1050	Soil sample from the grassy area located within the backyard (north corner) of the private residence located at 441 Pratt Street, adjacent to the southwestern edge of the former Reliance facility footprint. Depth: 0–1 inch. Description: Dark brown clayey silt, trace fine sand, dry.
1402-S13-0106	10/30/2014	1052	Soil sample from the grassy area located within the backyard (north corner) of the private residence located at 441 Pratt Street, adjacent to the southwestern edge of the former Reliance facility footprint. Depth: 1–6 inches. Description: Dark brown clayey silt, trace fine sand, dry.
1402-S13-0612 (MS/MSD)	10/30/2014	1054	Soil sample from the grassy area located within the backyard (north corner) of the private residence located at 441 Pratt Street, adjacent to the southwestern edge of the former Reliance facility footprint. Depth: 6–12 inches. Description: Dark brown clayey silt, trace fine sand, dry. MS/MSD sample for QA/QC purposes.
1402-S13-1214	10/30/2014	1056	Soil sample from the grassy area located within the backyard (north corner) of the private residence located at 441 Pratt Street, adjacent to the southwestern edge of the former Reliance facility footprint. Depth: 12–14 inches. Description: Clayey silt, brick fragments, and black ash-like material, dry.
1402-S14-0001	10/30/2014	0830	Duplicate of 1402-S02-0001 for QA/QC purposes.
1402-S14-0106	10/30/2014	0942	Duplicate of 1402-S06-0106 for QA/QC purposes.
1402-S14-0612	10/30/2014	1132	Duplicate of 1402-S04-0612 for QA/QC purposes.
1402-S14-1218	10/30/2014	1308	Duplicate of 1402-S08-1218 for QA/QC purposes.
1402-RIN01	10/30/2014	1120	Rinsate blank sample collected from the decontaminated auger head.

**FIGURE 1 – SITE LOCATION MAP**





Source:  
1. National Geographic TOPO! U.S. Geologic Survey (USGS). 7.5 Minute Series (Topographic) Quadrangles: Buffalo NE, NY 1965; Buffalo NW, NY 1993; Buffalo SE, NY 1965; and Buffalo SE OE W, NY, 1965.

LEGEND:  
  
● Site Reference Location

PROJECT:  
Reliance Lead, Solder & Babbitt Co. Inc.

CLIENT NAME:  
EPA

TITLE:  
  
Site Location Map  
Reliance Lead, Solder & Babbitt Co. Inc.  
399 Genesee Street, Buffalo, NY



DATE:  
November 2014

FIGURE #:  
1



**FIGURE 2 – SITE MAP**



**FIGURE 3 – SAMPLE LOCATION MAP**





**Legend**

Sample Location

Site Reference Location

Approximate Footprint of the Former Smelter Facility

NOTE:  
1. The site is noted as "Solder & Babbitt Smelting" on the 1950 Sanborn Map. "Five Melting Pots" are also noted on map.  
2. All location IDs preceded by "1402-"  
SOURCES:  
1. Environmental Data Resources (EDR), Sanborn Library Inc. Certified Sanborn Map Volume 3, Sheets 260, 261, and 272. 1950.  
2. New York State Plane, West Zone, NAD 83, US Survey Feet Orthimagery Type: 12 - inch Resolution 4 band Digital Erie County (2011). NYS Division of Homeland Security and Emergency Services - Office of Cyber Security. November 30, 2011.  
[http://gis.ny.gov/gateway/mg/2011/erie/11ic\\_c\\_buffalo\\_w12\\_4bd.htm](http://gis.ny.gov/gateway/mg/2011/erie/11ic_c_buffalo_w12_4bd.htm).

SCALE:  

150

75

0

150

Graphic Scale In Feet

PROJECT:  
Reliance Lead, Solder & Babbitt Co. Inc.

CLIENT NAME:  
EPA

TITLE:  
Sample Location Map  
Reliance Lead, Solder & Babbitt Co. Inc.  
399 Genesee Street, Buffalo, NY

DATE:  
November 2014

FIGURE #:  
3



**ATTACHMENT 1**  
**CHAIN OF CUSTODY RECORD**

## USEPA

Date Shipped: 10/31/2014

Carrier Name: Hand-Deliver

Airbill No.: N/A

## CHAIN OF CUSTODY RECORD

R02\_Reliance Lead, Solder/NY

Contact Name: Scott Snyder

Contact Phone: 973-219-7394

No: 2-103014-163246-0001

Cooler #:

Lab: EPA Region 2 DESA

Lab Phone: 732-321-6707

Lab #	Sample #	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	1402-RIN01	TAL Inorganics (incl. Sn)	DI Water	10/30/2014	11:20	1	1-Liter Poly	HNO3 pH<2	N
	1402-S01-0001	TAL Inorganics (incl. Sn)	Soil	10/30/2014	08:18	2	4-oz. glass jar	4 C	Y
	1402-S01-0106	TAL Inorganics (incl. Sn)	Soil	10/30/2014	08:20	1	4-oz. glass jar	4 C	N
	1402-S01-0612	TAL Inorganics (incl. Sn)	Soil	10/30/2014	08:22	1	4-oz. glass jar	4 C	N
	1402-S01-1218	TAL Inorganics (incl. Sn)	Soil	10/30/2014	08:24	1	4-oz. glass jar	4 C	N
	1402-S01-1824	TAL Inorganics (incl. Sn)	Soil	10/30/2014	08:26	1	4-oz. glass jar	4 C	N
	1402-S02-0001	TAL Inorganics (incl. Sn)	Soil	10/30/2014	08:28	1	4-oz. glass jar	4 C	N
	1402-S02-0106	TAL Inorganics (incl. Sn)	Soil	10/30/2014	08:32	1	4-oz. glass jar	4 C	N
	1402-S02-0612	TAL Inorganics (incl. Sn)	Soil	10/30/2014	08:34	1	4-oz. glass jar	4 C	N
	1402-S02-1218	TAL Inorganics (incl. Sn)	Soil	10/30/2014	08:36	1	4-oz. glass jar	4 C	N
	1402-S02-1824	TAL Inorganics (incl. Sn)	Soil	10/30/2014	08:38	1	4-oz. glass jar	4 C	N
	1402-S03-0001	TAL Inorganics (incl. Sn)	Soil	10/30/2014	11:36	1	4-oz. glass jar	4 C	N
	1402-S03-0106	TAL Inorganics (incl. Sn)	Soil	10/30/2014	11:38	1	4-oz. glass jar	4 C	N
	1402-S04-0001	TAL Inorganics (incl. Sn)	Soil	10/30/2014	11:26	1	4-oz. glass jar	4 C	N
	1402-S04-0106	TAL Inorganics (incl. Sn)	Soil	10/30/2014	11:28	1	4-oz. glass jar	4 C	N
	1402-S04-0612	TAL Inorganics (incl. Sn)	Soil	10/30/2014	11:30	1	4-oz. glass jar	4 C	N
	1402-S05-0001	TAL Inorganics (incl. Sn)	Soil	10/30/2014	09:46	1	4-oz. glass jar	4 C	N
	1402-S05-0106	TAL Inorganics (incl. Sn)	Soil	10/30/2014	09:48	2	4-oz. glass jar	4 C	Y
	1402-S05-0612	TAL Inorganics (incl. Sn)	Soil	10/30/2014	09:50	1	4-oz. glass jar	4 C	N

Special Instructions: Sample Nos.: 1402-S01-0001, 1402-S02-0001, 1402-S03-0001, 1402-S04-0001, 1402-S05-0001, 1402-S06-0001, 1402-S07-0001, 1402-S08-0001, 1402-S09-0001, 1402-S10-0001, 1402-S11-0001, 1402-S12-0001, 1402-S13-0001, and 1402-S14-0001 are designated for 250-micron sieving by the laboratory.

SAMPLES TRANSFERRED FROM

Results to be made available on the HWSS Quickr Website.

Case Complete.

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sampling	Donna M. Weston	10/31/14 1400	Scott Snyder EPA	10-31-14 1410	Cooler in ICC

## USEPA

Date Shipped: 10/31/2014  
 Carrier Name: Hand-Deliver  
 Airbill No.: N/A

## CHAIN OF CUSTODY RECORD

R02\_Reliance Lead, Solder/NY  
 Contact Name: Scott Snyder  
 Contact Phone: 973-219-7394

No: 2-103014-163246-0001

Cooler #:  
 Lab: EPA Region 2 DESA  
 Lab Phone: 732-321-6707

Lab #	Sample #	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	1402-S05-1218	TAL Inorganics (incl. Sn)	Soil	10/30/2014	09:52	1	4-oz. glass jar	4 C	N
	1402-S05-1824	TAL Inorganics (incl. Sn)	Soil	10/30/2014	09:54	1	4-oz. glass jar	4 C	N
	1402-S06-0001	TAL Inorganics (incl. Sn)	Soil	10/30/2014	09:38	1	4-oz. glass jar	4 C	N
	1402-S06-0106	TAL Inorganics (incl. Sn)	Soil	10/30/2014	09:40	1	4-oz. glass jar	4 C	N
	1402-S07-0001	TAL Inorganics (incl. Sn)	Soil	10/30/2014	13:15	1	4-oz. glass jar	4 C	N
	1402-S07-0106	TAL Inorganics (incl. Sn)	Soil	10/30/2014	13:17	1	4-oz. glass jar	4 C	N
	1402-S07-0612	TAL Inorganics (incl. Sn)	Soil	10/30/2014	13:19	1	4-oz. glass jar	4 C	N
	1402-S07-1218	TAL Inorganics (incl. Sn)	Soil	10/30/2014	13:21	1	4-oz. glass jar	4 C	N
	1402-S07-1824	TAL Inorganics (incl. Sn)	Soil	10/30/2014	13:23	1	4-oz. glass jar	4 C	N
	1402-S08-0001	TAL Inorganics (incl. Sn)	Soil	10/30/2014	13:00	1	4-oz. glass jar	4 C	N
	1402-S08-0106	TAL Inorganics (incl. Sn)	Soil	10/30/2014	13:02	1	4-oz. glass jar	4 C	N
	1402-S08-0612	TAL Inorganics (incl. Sn)	Soil	10/30/2014	13:04	1	4-oz. glass jar	4 C	N
	1402-S08-1218	TAL Inorganics (incl. Sn)	Soil	10/30/2014	13:06	1	4-oz. glass jar	4 C	N
	1402-S08-1824	TAL Inorganics (incl. Sn)	Soil	10/30/2014	13:10	1	4-oz. glass jar	4 C	N
	1402-S09-0001	TAL Inorganics (incl. Sn)	Soil	10/30/2014	14:15	1	4-oz. glass jar	4 C	N
	1402-S09-0106	TAL Inorganics (incl. Sn)	Soil	10/30/2014	14:17	1	4-oz. glass jar	4 C	N
	1402-S09-0612	TAL Inorganics (incl. Sn)	Soil	10/30/2014	14:19	2	4-oz. glass jar	4 C	Y
	1402-S09-1218	TAL Inorganics (incl. Sn)	Soil	10/30/2014	14:21	1	4-oz. glass jar	4 C	N
	1402-S09-1824	TAL Inorganics (incl. Sn)	Soil	10/30/2014	14:23	1	4-oz. glass jar	4 C	N

Special Instructions: Sample Nos.: 1402-S01-0001, 1402-S02-0001, 1402-S03-0001, 1402-S04-0001, 1402-S05-0001, 1402-S06-0001, 1402-S07-0001, 1402-S08-0001, 1402-S09-0001, 1402-S10-0001, 1402-S11-0001, 1402-S12-0001, 1402-S13-0001, and 1402-S14-0001 are designated for 250-micron sieving by the laboratory.

## SAMPLES TRANSFERRED FROM

Results to be made available on the HWSS Quickr Website.

Case Complete.

## CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sampling Device	Jim Weston	10/31/14	1402 EPA	10-31-14 HLD	Cooler ~ 17C

## USEPA

Date Shipped: 10/31/2014

Carrier Name: Hand-Deliver

Airbill No.: N/A

## CHAIN OF CUSTODY RECORD

R02\_Reliance Lead, Solder/NY

Contact Name: Scott Snyder

Contact Phone: 973-219-7394

No: 2-103014-163246-0001

Cooler #:

Lab: EPA Region 2 DESA

Lab Phone: 732-321-6707

Lab #	Sample #	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	1402-S10-0001	TAL Inorganics (incl. Sn)	Soil	10/30/2014	14:04	1	4-oz. glass jar	4 C	N
	1402-S10-0106	TAL Inorganics (incl. Sn)	Soil	10/30/2014	14:06	1	4-oz. glass jar	4 C	N
	1402-S10-0612	TAL Inorganics (incl. Sn)	Soil	10/30/2014	14:08	1	4-oz. glass jar	4 C	N
	1402-S10-1218	TAL Inorganics (incl. Sn)	Soil	10/30/2014	14:10	1	4-oz. glass jar	4 C	N
	1402-S10-1824	TAL Inorganics (incl. Sn)	Soil	10/30/2014	14:12	1	4-oz. glass jar	4 C	N
	1402-S11-0001	TAL Inorganics (incl. Sn)	Soil	10/30/2014	15:00	1	4-oz. glass jar	4 C	N
	1402-S11-0106	TAL Inorganics (incl. Sn)	Soil	10/30/2014	15:02	1	4-oz. glass jar	4 C	N
	1402-S11-0612	TAL Inorganics (incl. Sn)	Soil	10/30/2014	15:04	1	4-oz. glass jar	4 C	N
	1402-S11-1218	TAL Inorganics (incl. Sn)	Soil	10/30/2014	15:06	1	4-oz. glass jar	4 C	N
	1402-S11-1824	TAL Inorganics (incl. Sn)	Soil	10/30/2014	15:08	1	4-oz. glass jar	4 C	N
	1402-S12-0001	TAL Inorganics (incl. Sn)	Soil	10/30/2014	14:48	1	4-oz. glass jar	4 C	N
	1402-S12-0106	TAL Inorganics (incl. Sn)	Soil	10/30/2014	14:50	1	4-oz. glass jar	4 C	N
	1402-S12-0612	TAL Inorganics (incl. Sn)	Soil	10/30/2014	14:52	1	4-oz. glass jar	4 C	N
	1402-S12-1218	TAL Inorganics (incl. Sn)	Soil	10/30/2014	14:54	1	4-oz. glass jar	4 C	N
	1402-S12-1824	TAL Inorganics (incl. Sn)	Soil	10/30/2014	14:56	1	4-oz. glass jar	4 C	N
	1402-S13-0001	TAL Inorganics (incl. Sn)	Soil	10/30/2014	10:50	1	4-oz. glass jar	4 C	N
	1402-S13-0106	TAL Inorganics (incl. Sn)	Soil	10/30/2014	10:52	1	4-oz. glass jar	4 C	N
	1402-S13-0612	TAL Inorganics (incl. Sn)	Soil	10/30/2014	10:54	2	4-oz. glass jar	4 C	Y
	1402-S13-1214	TAL Inorganics (incl. Sn)	Soil	10/30/2014	10:56	1	4-oz. glass jar	4 C	N

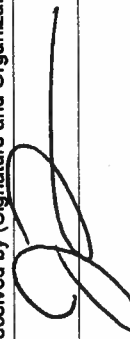
Special Instructions: Sample Nos.: 1402-S01-0001, 1402-S02-0001, 1402-S03-0001, 1402-S04-0001, 1402-S05-0001, 1402-S06-0001, 1402-S07-0001, 1402-S08-0001, 1402-S09-0001, 1402-S10-0001, 1402-S11-0001, 1402-S12-0001, 1402-S13-0001, and 1402-S14-0001 are designated for 250-micron sieving by the laboratory.

## SAMPLES TRANSFERRED FROM

Results to be made available on the HWSS Quickr Website.

Case Complete.

## CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sampling	Sam Weston	10/31/14/1400		10-31-14 1410	Cooler w/ Ice

## USEPA

**DateShipped: 10/31/2014**  
**Carrier Name: Hand-Deliver**  
**Airbill No.: N/A**

## CHAIN OF CUSTODY RECORD

**R02\_Reliance Lead, Solder/NY**  
**Contact Name: Scott Snyder**  
**Contact Phone: 973-219-7394**

**No: 2-103014-163246-0001**

Cooler #:  
Lab: EPA Region 2 DESA  
Lab Phone: 732-321-6707

[illegible]

**Special Instructions:** Sample Nos.: 1402-S01-0001, 1402-S02-0001, 1402-S03-0001, 1402-S04-0001, 1402-S05-0001, 1402-S06-0001, 1402-S07-0001, 1402-S08-0001, 1402-S09-0001, 1402-S10-0001, 1402-S11-0001, 1402-S12-0001, 1402-S13-0001, and 1402-S14-0001 are designated for 250-micron sieving by the laboratory.

Results to be made available on the HWSS Quickr Website.

**Case Complete.**

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sampling Gear	Mu / Weston	10/31/14	1400 Jones - ELO	10-31-14 1400	Good ~ 1 ICE

**ATTACHMENT 2**  
**FIELD LOG SHEETS**

# Reliance Lead, Solder and Babbitt Co. - Task 1402

## Sample Collection Data Sheet

Weston Solutions, Inc.

October 2014

Sampler Name:	Region 2 SAT
Sample Date and Time:	10/30/14 0820
Sample Location/Number:	1402-301
Location Description (i.e., N side of X St in grassy ROW)	Grassy ROW, east side of Hickory St.
Soil Description 0-1	Dark brown clayey silt, trace fine sand, dry
Soil Description 1-6	Dark brown silty clay, trace fine sand, dry
Soil Description 6-12	Brown clay, some silt, trace fine sand, dry
Soil Description 12-18	Same
Soil Description 18-24	Same

COLLECT A GPS POINT  
120 points required

Sampler Signature RF 10/30/14

## Sample Collection Data Sheet

Weston Solutions, Inc.

October 2014

Sampler Name:	Region 2 SAT
Sample Date and Time:	10/30/14 0830
Sample Location/Number:	HA02-302
Location Description (i.e., N side of X St in grassy ROW)	Grassy ROW, east side of Hickory St.
Soil Description 0-1	Dark brown clayey silt, trace fine sand, dry
Soil Description 1-6	Dark brown silty clay, trace fine sand, dry
Soil Description 6-12	Brown clay, some silt, trace fine sand, dry
Soil Description 12-18	Same
Soil Description 18-24	Same

COLLECT A GPS POINT  
120 points required

Sampler Signature





Reliance Lead, Solder and Babbitt Co. - Task 1402

Sample Collection Data Sheet

Weston Solutions, Inc.

October 2014

Sampler Name:	Regen 2 SAT
Sample Date and Time:	10/30/14 1135
Sample Location/Number:	1402-303
Location Description (i.e., N side of X St in grassy ROW)	Grassy area, north side of Pratt Community Center Property
Soil Description 0-1	Clayey silt, trace fine sand, dry Dark brown
Soil Description 1-6	Dark brown Clayey silt, brick and brick fragments, some black ash-like material Refuse
Soil Description 6-12	
Soil Description 12-18	
Soil Description 18-24	

COLLECT A GPS POINT  
120 points required

Sampler Signature RP 10/30/14

Reliance Lead, Solder and Babbitt Co. - Task 1402  
 Sample Collection Data Sheet  
 Weston Solutions, Inc.  
 October 2014

Sampler Name:	Region 3 SAT
Sample Date and Time:	10/30/14 1130
Sample Location/Number:	1402-304
Location Description (i.e., N side of X St in grassy ROW)	Grassy area, north side of Peck Community Center Property
Soil Description 0-1	Dark brown clayey silt, trace fine sand, dry
Soil Description 1-6	Clayey silt, some brick fragments Dark brown
Soil Description 6-12	Dark brown clayey silt, brick and brick fragments, some black ash-like material, dry Refusal
Soil Description 12-18	
Soil Description 18-24	

COLLECT A GPS POINT  
 120 points required

Sampler Signature RP 10/30/14

Reliance Lead, Solder and Babbitt Co. - Task 1402

Sample Collection Data Sheet

Weston Solutions, Inc.

October 2014

Sampler Name:	Region 2 SAT
Sample Date and Time:	10/30/14 0945
Sample Location/Number:	1402-505
Location Description (i.e., N side of X St in grassy ROW)	Footprint of former Reliance Facility - grass covered
Soil Description 0-1	Dark brown clayey silt, trace fine sand, dry
Soil Description 1-6	Grey coarse sand, chunks of brick, glass, and wood ash-like material
Soil Description 6-12	Same
Soil Description 12-18	Same
Soil Description 18-24	Same

COLLECT A GPS POINT  
120 points required

Sampler Signature  10/30/14

Reliance Lead, Solder and Babbitt Co. - Task 1402  
 Sample Collection Data Sheet  
 Weston Solutions, Inc.  
 October 2014

Sampler Name:	Region 3 SAT
Sample Date and Time:	10/30/14 0940
Sample Location/Number:	1402-506
Location Description (i.e., N side of X St in grassy ROW)	Footprint of the former Reliance facility - grass covered
Soil Description 0-1	Dark brown clayey silt, trace fine sand, dry
Soil Description 1-6	Gray coarse sand, chunks of brick, glass, wood, and ash-like material Refuse
Soil Description 6-12	
Soil Description 12-18	
Soil Description 18-24	

COLLECT A GPS POINT  
 120 points required

Sampler Signature RP 10/30/14

Reliance Lead, Solder and Babbitt Co. - Task 1402  
Sample Collection Data Sheet  
Weston Solutions, Inc.  
October 2014

Sampler Name:	Region 2 SAT
Sample Date and Time:	10/30/14 1315
Sample Location/Number:	1402-357
Location Description (i.e., N side of X St in grassy ROW)	Grassy ROW, west side of Spring St, just south of Cherry St.
Soil Description 0-1	Dark brown clayey silt, trace fine sand, dry
Soil Description 1-6	Same
Soil Description 6-12	Same
Soil Description 12-18	Brown silty clay, trace fine sand, dry
Soil Description 18-24	Same

COLLECT A GPS POINT  
120 points required

Sampler Signature  10/30/14

Reliance Lead, Solder and Babbitt Co. - Task 1402

Sample Collection Data Sheet

Weston Solutions, Inc.

October 2014

Sampler Name:	Region 2 SAT
Sample Date and Time:	10/30/14 1300
Sample Location/Number:	1402-3086
Location Description (i.e., N side of X St in grassy ROW)	Grassy ROW, west side of Spring St just south of Cherry St.
Soil Description 0-1	Dark brown clayey silt, trace fine sand, dry
Soil Description 1-6	Same
Soil Description 6-12	Same
Soil Description 12-18	Brown silty clay, trace fine sand, dry
Soil Description 18-24	Same

COLLECT A GPS POINT  
120 points required

Sampler Signature

*[Signature]* 10/30/14

Reliance Lead, Solder and Babbitt Co. - Task 1402  
 Sample Collection Data Sheet  
 Weston Solutions, Inc.  
 October 2014

Sampler Name:	Region 2 SAT
Sample Date and Time:	10/30/14 1415
Sample Location/Number:	1402-509
Location Description (i.e., N side of X St in grassy ROW)	Grassy ROW, south side of Cherry St.
Soil Description 0-1	Dark brown clayey silt, dry
Soil Description 1-6	Same
Soil Description 6-12	Dark brown silty clay, trace fine sand, somewhat moist.
Soil Description 12-18	Dark brown to black silty clay and fine sand, moist
Soil Description 18-24	Brown clay, some silt, trace fine sand, somewhat moist

COLLECT A GPS POINT  
 120 points required

Sampler Signature FF 10/30/14

Reliance Lead, Solder and Babbitt Co. - Task 1402  
 Sample Collection Data Sheet  
 Weston Solutions, Inc.  
 October 2014

Sampler Name:	Region 2 SAT
Sample Date and Time:	10/30/14 1405
Sample Location/Number:	1402-510
Location Description (i.e., N side of X St in grassy ROW)	Grassy ROW, south side of Cherry St.
Soil Description 0-1	Dark brown clay/silt, dry
Soil Description 1-6	Same
Soil Description 6-12	Dark brown silty clay, trace fine sand, <sup>somewhat</sup> moist
Soil Description 12-18	Dark brown to black silty clay and fine sand, moist
Soil Description 18-24	Brown clay, some silt, trace fine sand, somewhat moist

COLLECT A GPS POINT  
 120 points required

Sampler Signature RF 10/30/14



Reliance Lead, Solder and Babbitt Co. - Task 1402  
 Sample Collection Data Sheet  
 Weston Solutions, Inc.  
 October 2014

Sampler Name:	Region 2 SAT
Sample Date and Time:	10/30/14 1500
Sample Location/Number:	HA02-S11
Location Description (i.e., N side of X St in grassy ROW)	Grassy ROW, SE side of Spring St., south of Genesee St.
Soil Description 0-1	Dark brown clayey silt, dry
Soil Description 1-6	Brown clay, some silt, dry
Soil Description 6-12	Brown clay, dry
Soil Description 12-18	Sand
Soil Description 18-24	Sand

COLLECT A GPS POINT  
 120 points required

Sampler Signature  10/30/14

Reliance Lead, Solder and Babbitt Co. - Task 1402  
 Sample Collection Data Sheet  
 Weston Solutions, Inc.  
 October 2014

Sampler Name:	Region 2 SAT
Sample Date and Time:	10/30/14 1450
Sample Location/Number:	1402-512
Location Description (i.e., N side of X St in grassy ROW)	Grassy ROW, SE side of Spring St, south of Genesee St.
Soil Description 0-1	Dark brown clayey silt, dry
Soil Description 1-6	Brown clay, some silt, dry
Soil Description 6-12	Brown clay, dry
Soil Description 12-18	Same
Soil Description 18-24	Same

COLLECT A GPS POINT  
 120 points required

Sampler Signature  10/30/14

Reliance Lead, Solder and Babbitt Co. - Task 1402  
 Sample Collection Data Sheet  
 Weston Solutions, Inc.  
 October 2014

Sampler Name:	Region 2 SAT
Sample Date and Time:	10/30/14 1050
Sample Location/Number:	HAZ-513
Location Description (i.e., N side of X St in grassy ROW)	Backyard (north corner) off private property (residence) at 441 Pratt St., adjacent to former Reliance Footprint.
Soil Description 0-1	Dark brown clayey silt, trace fine sand, dry
Soil Description 1-6	Same
Soil Description 6-12	Same
Soil Description 12-18	Brick fragments and black ash-like material Refused 12"
Soil Description 18-24	/

COLLECT A GPS POINT  
 120 points required

Sampler Signature RF 10/30/14